

L Number	Hits	Search Text	DB	Time stamp
11	11	(roller near4 (reference)) with (impression or indentation)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 11:37
12	172	(roller near4 (reference)) with (impression or indentation or hollow or impress or mark or mold or dent or depression or depress)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 12:09
13	51	(roller near4 (reference)) with radius	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 12:09
14	652	(roller near4 (reference)) with (radius or perpendicular or orthogonal or angle or diameter)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 12:10
15	18	(roller near4 (reference)) with (radius or perpendicular or orthogonal or angle or diameter) with correct\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:07
16	11	(roller near4 (reference)) with (axis) with correct\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:09
17	1843	inoue near4 y	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:09
18	0	inoue near4 yosh	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:10
19	15	inoue with roller	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:19
20	18	399/280.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:36
21	190	399/279.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:36
22	24	399/279.ccls. and correct\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:36
23	6	5052335.URPN.	USPAT	2004/06/25 13:47
24	6	("4100884" "4282827" "4615608" "4791882" "4883017" "4907032").PN.	USPAT	2004/06/25 13:48
121	441	358/461.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:58

122	95	358/461.ccls. and roller	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:58
123	128	358/461.ccls. and (roller or spool or drum)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:58
124	22	358/461.ccls. and ((roller or spool or drum) with (white))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:14
125	5767	kusumoto	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:14
126	224	kusumoto and groove	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:14
127	78	kusumoto and groove and image	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:15
128	24	kusumoto and groove and image and document	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:33
129	138	roller with slot with correct\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:33
130	7	roller with slot with correct\$4 with (document or sheet)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:42
131	69516	roller with peripher\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:43
132	520	(roller with peripher\$4) with correct\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:44
133	107	(roller with peripher\$4) with correct\$4 with (sheet or document)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 15:02
134	5	(cam with peripher\$4) with correct\$4 with (sheet or document)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 15:02

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15	18	(roller near4 (reference)) with (radius or perpendicular or orthogonal or angle or diameter) with correct\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:07
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122	95	358/461.ccls. and roller	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:58
123	128	358/461.ccls. and (roller or spool or drum)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:58
124	22	358/461.ccls. and ((roller or spool or drum) with (white))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:14
125	5767	kusumoto	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:14
126	224	kusumoto and groove	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:14
127	78	kusumoto and groove and image	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:15
128	24	kusumoto and groove and image and document	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:33
129	138	roller with slot with correct\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:33
130	7	roller with slot with correct\$4 with (document or sheet)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 14:33
-	736	382/274.ccls. (reference near4 white) with (averag\$4 near4 (peak or max\$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/21 18:17
-	725	382/274.ccls. (reference near4 white) with (averag\$4 near4 (peak or max\$5)) with roller	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/21 18:17
-	724	382/274.ccls. (reference near4 white) with (averag\$4 near4 (peak or max\$5)) with roller with block	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/21 18:19
-	0	382/274.ccls. and (reference near4 white) with (averag\$4 near4 (peak or max\$5)) with roller with block	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/21 18:19
-	1	382/274.ccls. and (reference near4 white) with (averag\$4 near4 (peak or max\$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/23 18:41

-	25	382/274.ccls. and scan\$4 with (roller or spool)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/21 18:34
-	0	382/274.ccls. and scan\$4 with (roller or spool)with average	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/21 18:35
-	1	(reference near4 white) with (averag\$4 near4 (peak or max\$5)) with roller	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/23 18:34
-	1	(reference near4 white) with (averag\$4 near4 (peak or max\$5)) with (roller or spool)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/23 18:34
-	1	(reference near4 white) with (averag\$4 near4 (peak or max\$5)) with (roller or spool or drum)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/23 18:35
-	1	(reference near4 white) with (averag\$4 near4 (peak or max\$5)) with (roller or spool or drum or reel or cylinder)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/23 18:36
-	13011	scan\$4 with roller	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/23 18:36
-	30	scan\$4 with roller with shad\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/24 18:26
-	13	(reference near4 white) with (averag\$4 near4 (peak or max\$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/23 18:41
-	7	("4523229" "4550435" "4760464" "4829379" "4903145" "4916549" "4972502").PN.	USPAT	2004/06/23 18:47
-	115	scan\$4 with roller with white	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/24 18:27
-	6	scan\$4 with roller with white with shad\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/24 18:45
-	134	scan\$4 with roller with (depression or groove)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/24 18:47
-	64	scan\$4 with (roller near4 (depression or groove))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/24 19:03
-	3	5606509.URPN.	USPAT	2004/06/24 18:57
-	6	("4126027" "4137487" "4653153" "4691547" "5010494" "5181408").PN.	USPAT	2004/06/24 18:57

-	0	scan\$4 with (roller near4 (eccentricity))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/24 19:03
-	0	scan\$4 with (roller with (eccentricity))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/24 19:04
-	0	scan\$4 same (roller with (eccentricity))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/24 19:04
-	14	scan\$4 with (roller near4 (eccentricity))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/24 19:12
-	3	scan\$4 with (roller near4 (circularity))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/24 19:14
-	99	scan\$4 with (roller near4 (reference))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/24 19:20
-	8	scan\$4 with (roller near4 (reference) near4 white)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/24 19:17
-	27	scan\$4 and (roller near4 (reference) near4 white)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/24 19:20
-	62	(roller near4 (reference) near4 white)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/24 19:20
-	9735	(roller near4 (reference))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/24 19:20
-	196	(roller near4 (reference)) with correct\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/24 19:21
-	17	(roller near4 (reference)) with (shad\$4 near4 correct\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/24 19:26
-	1251	(roller near4 (reference)) with surface	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 13:58
-	23	(roller near4 (reference)) with surface - with correct\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/25 11:35
-	0	6505555.URPN.	USPAT	2004/06/24 19:35

-	6	("2859691" "4125073" "4648318"	USPAT	2004/06/24 19:35
-	13	"4738200" "5038680" "5351615").PN. 5351615.URPN.	USPAT	2004/06/24 19:37